

Title (en)
HEAT TREATMENT AND/OR HUMIDIFICATION OF SPOOLS.

Title (de)
WÄRMEBEHANDLUNG UND/ODER BEFEUCHTUNG VON KOPSEN.

Title (fr)
TRAITEMENT THERMIQUE ET/OU HUMIDIFICATION DE CANETTES.

Publication
EP 0460139 B1 19940629 (DE)

Application
EP 91900145 A 19901220

Priority

- CH 463289 A 19891222
- CH 9000288 W 19901220

Abstract (en)
[origin: WO9110001A1] A process for humidifying spun spools is based on a trough-shaped steam chamber (2) arranged immediately beside a spinning machine (1) parallel to the row of spools (15) of the spinning position (14). Thus the spools (15) are taken from the spinning positions (14) to the steam chamber (2) by means of an ordinary extractor (17) and, after the humidification process, the spools (15") are transported from the steam chamber (2) to the conveyor (16) of the spinning machine (1). The humidification process is thereby integrated into the flow of materials in the spinning plant. The storage time of the spools after humidification can be predetermined within wide limits. In addition, the installation requires the minimum amount of space and no additional manual handling of the spools.

IPC 1-7
D01H 13/28; **D06B 19/00**

IPC 8 full level
D01H 13/28 (2006.01); **D06B 5/16** (2006.01); **D06B 19/00** (2006.01)

CPC (source: EP KR US)
D01H 13/28 (2013.01 - EP KR US); **D06B 19/0035** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
WO 9110001 A1 19910711; AT E107973 T1 19940715; AU 642189 B2 19931014; AU 6905291 A 19910724; BR 9007136 A 19911210; CA 2045513 A1 19910623; CA 2045513 C 20010220; DE 59006318 D1 19940804; DK 0460139 T3 19941107; EP 0460139 A1 19911211; EP 0460139 B1 19940629; ES 2056625 T3 19941001; HK 83196 A 19960517; HU 216002 B 19990428; HU T62345 A 19930428; JP H0796728 B1 19951018; KR 0184286 B1 19990501; KR 920701542 A 19920812; RU 2023779 C1 19941130; US 5299415 A 19940405

DOCDB simple family (application)
CH 9000288 W 19901220; AT 91900145 T 19901220; AU 6905291 A 19901220; BR 9007136 A 19901220; CA 2045513 A 19901220; DE 59006318 T 19901220; DK 91900145 T 19901220; EP 91900145 A 19901220; ES 91900145 T 19901220; HK 83196 A 19960509; HU 223491 A 19901220; JP 50091391 A 19901220; KR 910700972 A 19910822; SU 5001463 A 19910821; US 74147091 A 19910802